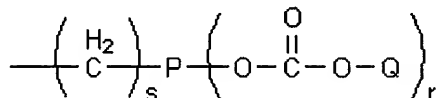


REMARKS

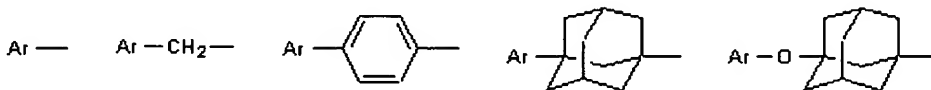
Claims 1-17 and 19-35, as amended, remain herein. Claims 1, 3, 24, 26, 28 and 29 have been amended. Support for the amendments may be found throughout the specification. No new matter has been added.

1. Claims 26, 28, 29, 33 and 35 were rejected under 35 U.S.C. § 102(b) over Ito et al., "Novel Dissolution Inhibitors Based on Calixarene Derivatives for Use in Chemical Amplification Resists," Polymeric Materials Science and Engineering 1999, 81, 51-52.

Claims 26, 28 and 29 have been amended to exclude tert-butyloxycarbonylmethyl as a potential B, C, or D group. Ito does not disclose applicants' presently claimed B, C, or D group, namely hydrogen atom, tert-butyl, 1-tetrahydropyranyl, 1-tetrahydrofuranyl, 1-ethoxyethyl, 1-phenoxyethyl, an organic group represented by



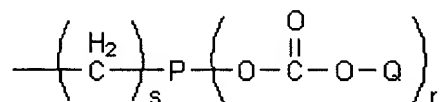
or an organic group selected from the group consisting of



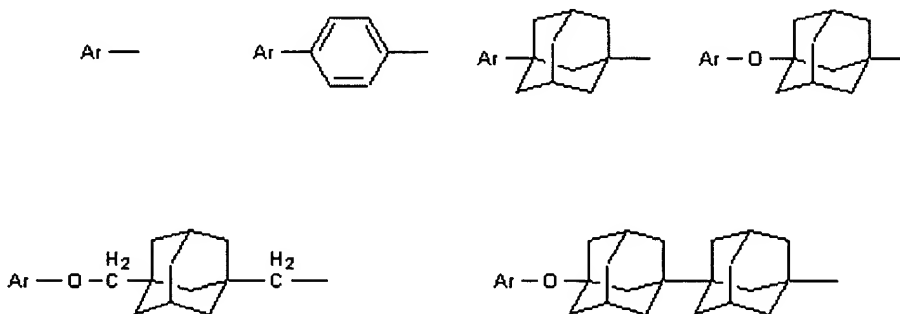
Thus, Ito does not disclose all elements of applicants' claims, and therefore is not an adequate basis for a rejection under 35 U.S.C. § 102(b). Applicants respectfully request reconsideration and withdrawal of this rejection.

2. Claims 1-3, 10, 12, 16, 17, 24 and 31 were rejected under 35 U.S.C. § 102(b) over Tully et al., "Dendrimer-based chemically amplified resists for sub-100 nm lithography," Proceedings of SPIE 2000, 3999, 1202-1206.

Claims 1, 3 and 24 have been amended to exclude  $\text{Ar}-\text{CH}_2-$  as a potential B, C, or D group. Tully does not disclose applicants' presently claimed B, C, or D group, namely a hydrogen atom, tert-butyl, tert-butyloxycarbonylmethyl, tert-butyloxycarbonyl, 1-tetrahydropyranyl, 1-tetrahydrofuranyl, 1-ethoxyethyl, 1-phenoxyethyl, an organic group represented by



or an organic group selected from the group consisting of



Thus, Tully does not disclose all elements of applicants' claims, and therefore is not an adequate basis for a rejection under 35 U.S.C. § 102(b). Applicants respectfully request reconsideration and withdrawal of this rejection.

3. Claims 9, 11 and 15 were rejected under 35 U.S.C. § 103(a) over Tully in view of Niinomi et al., Proceedings of SPIE, 2724, Advances in Resist Technology and Processing XIII,

174-185 (1996). Claims 9, 11 and 15 depend from independent claim 1.

As discussed above, Tully does not disclose all elements of applicants' claim 1. Niinomi does not teach or suggest what is missing from Tully.

Neither Tully nor Niinomi teaches or suggests applicants' claimed invention. In addition, Tully and Niinomi disclose nothing that would have suggested applicants' claimed invention to one of ordinary skill in the art. There is no disclosure or teaching in Tully, Niinomi, or otherwise in this record, that would have suggested the desirability of modifying any portions thereof effectively to anticipate or suggest applicants' presently claimed invention. Applicants respectfully request reconsideration and withdrawal of this rejection.

4. Claims 13 and 14 were rejected under 35 U.S.C. § 103(a) over Tully in view of Niinomi and Zhong et al. U.S. Patent 7,013,965. Claims 13 and 14 depend from claim 1.

As discussed above, Tully does not disclose all elements of applicants' claim 1. Neither Niinomi nor Zhong teaches or suggests what is missing from Tully.

Neither Tully, Niinomi, nor Zhong teaches or suggests applicants' claimed invention. In addition, Tully, Niinomi, and Zhong disclose nothing that would have suggested applicants' claimed invention to one of ordinary skill in the art. There is no disclosure or teaching in Tully, Niinomi, Zhong, or otherwise in this record, that would have suggested the desirability of modifying any portions thereof effectively to anticipate or suggest applicants' presently claimed invention. Applicants respectfully request reconsideration and withdrawal of this rejection.

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For all the foregoing reasons, all claims 1-17 and 19-35 are now proper in form and patentably distinguished over all grounds of rejection cited in the Office Action. Accordingly, reconsideration and allowance of all claims are respectfully requested. The PTO is hereby authorized to charge or credit any necessary fees to Deposit Account No. 19-4293. Should the Examiner deem that any further amendments would be desirable in placing this application in even better condition for issue, the Examiner is invited to telephone applicants' undersigned representative.

Respectfully submitted,

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Date: August 28, 2008

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